



PATENT ABSTRACTS OF JAPAN

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(54) LIQUID CRYSTAL DISPLAY DEVICE AND ITS PRODUCTION

(57) Abstract:

PURPOSE: To obtain a liquid crystal display device having high impact force resistance and affinity by interposing elastic sheets not only the flanks of a liquid crystal panel but the parts in contact with a metallic frame at the end on the front surface side as well.

CONSTITUTION: The elastic sheets 2 are interposed into at least the front surface and flanks at both ends facing each other of the liquid crystal panel 1 and are fixed by the metallic frame 3. Even if, therefore, the impact by falling of a portable apparatus, etc., is applied on the device, this impact force is absorbed by the elastic sheets 2. The sheets have friction force as well and are, therefore, able to prevent the lateral sliding of the liquid crystal panel 1. The absorption of the impact not only from the flanks but from the front sur-

face side as well is possible. Consequently, the lateral sliding of the liquid crystal panel 1 within the metallic frame 3 is suppressed and the impact force not only from the flanks but from the vertical surface direction as well is absorbed. The occurrence of the fissure and crack of glass substrates is prevented.

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